

**Commonwealth of Kentucky
Division for Air Quality**

PERMIT APPLICATION SUMMARY FORM

Completed by: Christina A. Forgacs

General Information

Name:	GE Industrial Control Systems - Owensboro motors plant
Address:	Daviess County, 3301 Old Hartford Road, Owensboro, Kentucky
Date application received:	December 12, 1997
SIC/Source description:	3621/Electric motors manufacturing
AFS(10-digit) Plant ID:	21-059-00071
EIS #:	077-0920-0071
Application log number:	F443
Permit number:	V-98-018

Application Type/Permit Activity

<input checked="" type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input type="checkbox"/> Permit modification	<input type="checkbox"/> Conditional major
__Administrative	<input checked="" type="checkbox"/> Title V
__Minor	<input type="checkbox"/> Synthetic minor
__Significant	<input checked="" type="checkbox"/> Operating
<input type="checkbox"/> Permit renewal	<input type="checkbox"/> Construction/operating

Compliance Summary

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input checked="" type="checkbox"/> Compliance certification signed	

Applicable Requirements list

<input type="checkbox"/> NSR	<input type="checkbox"/> NSPS	<input checked="" type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input type="checkbox"/> NESHAPS	<input type="checkbox"/> Other

Miscellaneous

- ☐ Acid rain source
- ☐ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☐ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☒ Certified by responsible official
- ☒ Diagrams or drawings included
- ☒ Confidential business information (CBI) submitted in application

Emissions Summary

Pollutant	Actual (tpy)	Potential (tpy)
PM ₁₀	1.05	7.86
SO ₂	insignificant	insignificant
NOx	insignificant	insignificant
CO	insignificant	insignificant
VOC	32.41	47.22
LEAD	insignificant	insignificant
HAP \geq 10/25 tpy (by CAS)		
Methyl isobutyl ketone (108-10-1)	0.894 estimated with EIS for paint booths	1.884
Catechol (120-80-9)	0.645	7.340
Methanol (67-56-1)	0.020 estimated with EIS for paint booths	0.042
Xylene (1330-20-7)	8.692 estimated with EIS for paint booths	16.224
Ethylbenzene (100-41-4)	0.350 estimated with EIS for paint booths	0.661
p-Benzoquinone (Quinone) (106-51-4)	0.011	0.011
Phenol (108-95-2) estimated per epoxy resin MSDS	0.500	2.75
Glycol ether (111-76-2 for paint booths, but also glycol ethers may be emitted at VO- 1 and VO-2)	0.236 estimated per 7007W actual emissions and EIS for paint booths	0.377
HAPs Total	11.348	29.289

* PTE HAPs estimated with Table in response to item 3, Potential to Emit Hazardous Air Pollutants (8760 hours/year) submitted August 5, 1998.